

Table 1: Results and z-Scores for Prawns Test Material

laboratory number	analyte			
	total oxytetracycline assigned value 537 µg/kg			
	result µg/kg	Int. Std used? or % recovery	LoQ µg/kg	z-score
001	43.40	M, 95.07	10	-5.2
002	441	100		-1.0
003	627	N,81.3	20	1.0
004	433	M	10	-1.1
005	642	M 88.8%	20	1.1
006	283.3	y	10	-2.7
007	420.0	N	10	-1.2
008	748	53 %	10	2.2
009	881.5	M 87.9%	20	3.7
010	560	96.55	50	0.2
011	463	77	50	-0.8
012	<LOQ	55.87% Recovery	1174	
013	491	N	25	-0.5
014	479.0	M 74.0%	1.5	-0.6
015	481	M Y	15	-0.6
016	492.5	N	29.6	-0.5
017	514	92	70	-0.2
018	547.87	94%	100	0.1
019	639.2	85.6	10	1.1
020	543	N		0.1
021	840	N	75	3.2
022	536.39	N	20	0.0
023	442.982	90.76	100	-1.0
024	635	75	20	1.0
025	608	94		0.8

z-scores outside the satisfactory range, i.e. $|z| > 2$, are shown in **bold**
M = matrix-based calibration curve used
Int. Std = internal standard
LoQ = limit of quantification

Table 1 (continued): Results and z-Scores for Prawns Test Material

laboratory number	analyte			
	total oxytetracycline assigned value 537 µg/kg			
	result µg/kg	Int. Std used? or % recovery	LoQ µg/kg	z-score
026	537	94		0.0
027	▲ 613.4	47%	20.4	0.8
028	† 368	Y	18	-1.8
029	400	N	70	-1.5
030	474	73	20	-0.7
031	417.18	102	50	-1.3
032	676	N	25	1.5
033	850	61	20	3.3
034	610	M 90.4	20	0.8
035	680	91	10	1.5
036	720.00	75%	50.00	1.9
037	1085.6	N	100	5.8
038	580	N,93	20	0.5
039	390.10	M	111.47	-1.6
040	294	Y	50	-2.6
041	475	M Y	0.35	-0.7
042	610	96%	20	0.8
043	480	Y		-0.6
044	590	N	200	0.6
045	370	40%	25	-1.8
046	570	89	20	0.4
047	448.46	M 89.69% recovery	100	-0.9
048	2640	75%	100	22.3
049	780	Y	50	2.6
050	514.5	N	10	-0.2

z-scores outside the satisfactory range, i.e. $|z| > 2$, are shown in **bold**

M = matrix-based calibration curve used

† = additional residues reported > 50 µg/kg see -Table 2

Int. Std = internal standard LoQ = limit of quantification

▲ = Participant comment: 'the 4-epimer hasn't been detected'

Table 1 (continued): Results and z-Scores for Prawns Test Material

laboratory number	analyte			
	total oxytetracycline assigned value 537 µg/kg			
	result µg/kg	Int. Std used? or % recovery	LoQ µg/kg	z-score
051	308.31	Y	25.00	-2.4
052	561	75 %	5	0.3
053	655	75	50	1.3
054	380	M Y	10	-1.7
055	1000	N	20	4.9
056	631	N	50	1.0
057	433	70	50	-1.1
058	129.9	N	50	-4.3

z-scores outside the satisfactory range, i.e. $|z| > 2$, are shown in **bold**

Int. Std = internal standard

M = matrix-based calibration curve used

LoQ = limit of quantification

Table 2: Additional Tetracyclines Reported

laboratory number	analyte reported >50 µg/kg	result µg/kg	int. std. added or % recovery	LoQ µg/kg
028	doxycycline	67	Y	24

LoQ = limit of quantification

Table 3: Assigned Value and Target Standard Deviation

analyte	assigned value, µg/kg				target standard deviation, µg/kg	
	data points n	robust mean \hat{X}	robust sd $\hat{\sigma}$	uncertainty u	derived from	σ_p , µg/kg
total oxytetracycline	41	537	153	23.9	Horwitz*	94.3

* = see page 8 for appropriate form of the Horwitz equation

Table 4: Number and Percentage of Satisfactory z-Scores

analyte	number of satisfactory scores $ z \leq 2$	total number of scores	satisfactory %
total oxytetracycline	44	57	77

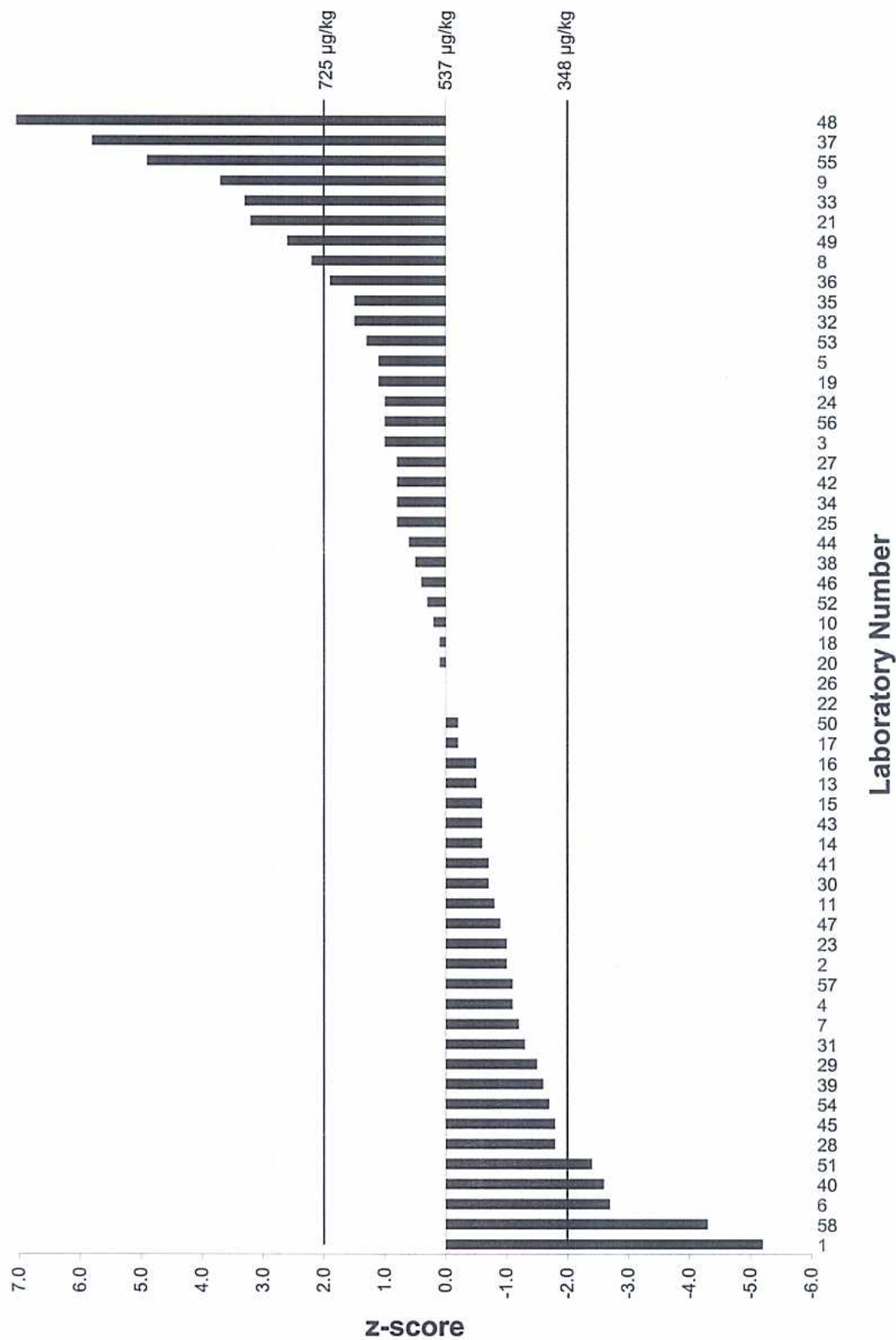


Figure 1: z-scores for Total Oxytetracycline (537 µg/kg) in Prawns Test Material